

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A chipping head of a chipping canter, comprising a head body having mounted thereon multiple chipping knives that are positioned on the head body in an annular fashion and are spaced at a distance from each other, wherein on a head end face thereof touching a wooden workpiece being processed, there is formed at least one groove or ridge, the groove or ridge spiraling about an axis of head body rotation so that the starting point of the groove or ridge is radially displaced at a distance from the axis of head body rotation and the end point of the groove or ridge is closer than its starting point to the axis of head body rotation.

2. (previously presented) The chipping head of claim 1, wherein the groove or ridge winds from the outer periphery toward the inner periphery in a direction counter to the direction of head body rotation.

3. (previously presented) The chipping head of claim 1, wherein the groove or ridge comprises multiple grooves or ridges forming a multiple-ended thread.

4. (previously presented) The chipping head of claim 1, wherein the radial pitch of the grooves or ridges is adapted to comply with the rotating speed of the chipping head, as well as the desired infeed speed of the wooden workpiece being processed.

5. (previously presented) The chipping head of claim 13, wherein the grooves or ridges form on the circular saw blade a zone having an annular shape.

6. (previously presented) The chipping head of claim 5, wherein the annular zone is raised outwardly, forming a lateral surface of a truncated cone or a portion thereof, from a given plane perpendicular to the axis of chipping head body rotation.

7. (currently amended) ~~A circular saw blade, particularly for use on the disc mounted on a surface of a~~ chipping head of a chipping canter, wherein on ~~the a~~ lateral face of the ~~circular saw blade disc~~ disc is formed at least one groove or ridge, the groove or ridge spiraling about ~~the an~~ axis of ~~saw blade disc~~ rotation so that ~~the a~~ starting point of the groove or ridge is radially displaced at a distance from the axis of rotation and, respectively, the end point of the groove or ridge is closer than its starting point to said axis of rotation.

8. (currently amended) The ~~circular saw blade disc~~ of claim 7, wherein the grooves or ridges wind from the outer periphery toward the inner periphery, ~~most advantageously~~ in a direction counter to ~~the a~~ direction of chipping head body rotation.

9. (currently amended) The ~~circular saw blade disc~~ of claim 7, wherein the groove or ridge comprises multiple grooves or ridges forming a multiple-ended thread.

10. (currently amended) The ~~circular saw blade~~ disc of claim 7, wherein the a radial pitch of the grooves or ridges is adapted to comply with the a rotating speed of the ~~circular saw blade~~ disc, as well as the a desired infeed speed of the wooden workpiece being processed.

11. (currently amended) The ~~circular saw blade~~ disc of claim 7, wherein the grooves or ridges form ~~on the circular saw blade or chipping head~~ a zone that has an annular shape.

12. (currently amended) The ~~circular blade~~ disc of claim 11, wherein the annular zone is raised outwardly, forming the lateral surface of a truncated cone or a portion thereof, from a given plane perpendicular to the axis of the ~~circular saw blade~~ disc rotation.

13. (previously presented) A chipping head of a chipping canter, comprising a head body having mounted thereon multiple chipping knives that are positioned on the head body in an annular fashion and are spaced at a distance from each other, wherein on a lateral surface of a circular saw blade mounted on the chipping head body, there is formed at least one groove or ridge, the groove or ridge spiraling about an axis of head body rotation so that the starting point of the groove or ridge is radially displaced at a distance from the axis of head body rotation and the end point of the groove or ridge is closer than its starting point to the axis of head body rotation.

14. (new) A circular saw blade, particularly for use on a chipping head of a chipping canter, wherein on a lateral face of the circular saw blade is formed at least one groove or ridge, the groove or ridge spiraling about an axis of saw blade rotation so that a starting point

of the groove or ridge is radially displaced at a distance from the axis of rotation and, respectively, the end point of the groove or ridge is closer than its starting point to said axis of rotation, wherein the grooves or ridges form a zone that has an annular shape, and wherein the annular zone is raised outwardly, forming the lateral surface of a truncated cone or a portion thereof, from a given plane perpendicular to the axis of the circular saw blade rotation.